

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: EPHESUS

Report Number: P1305833 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-70-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

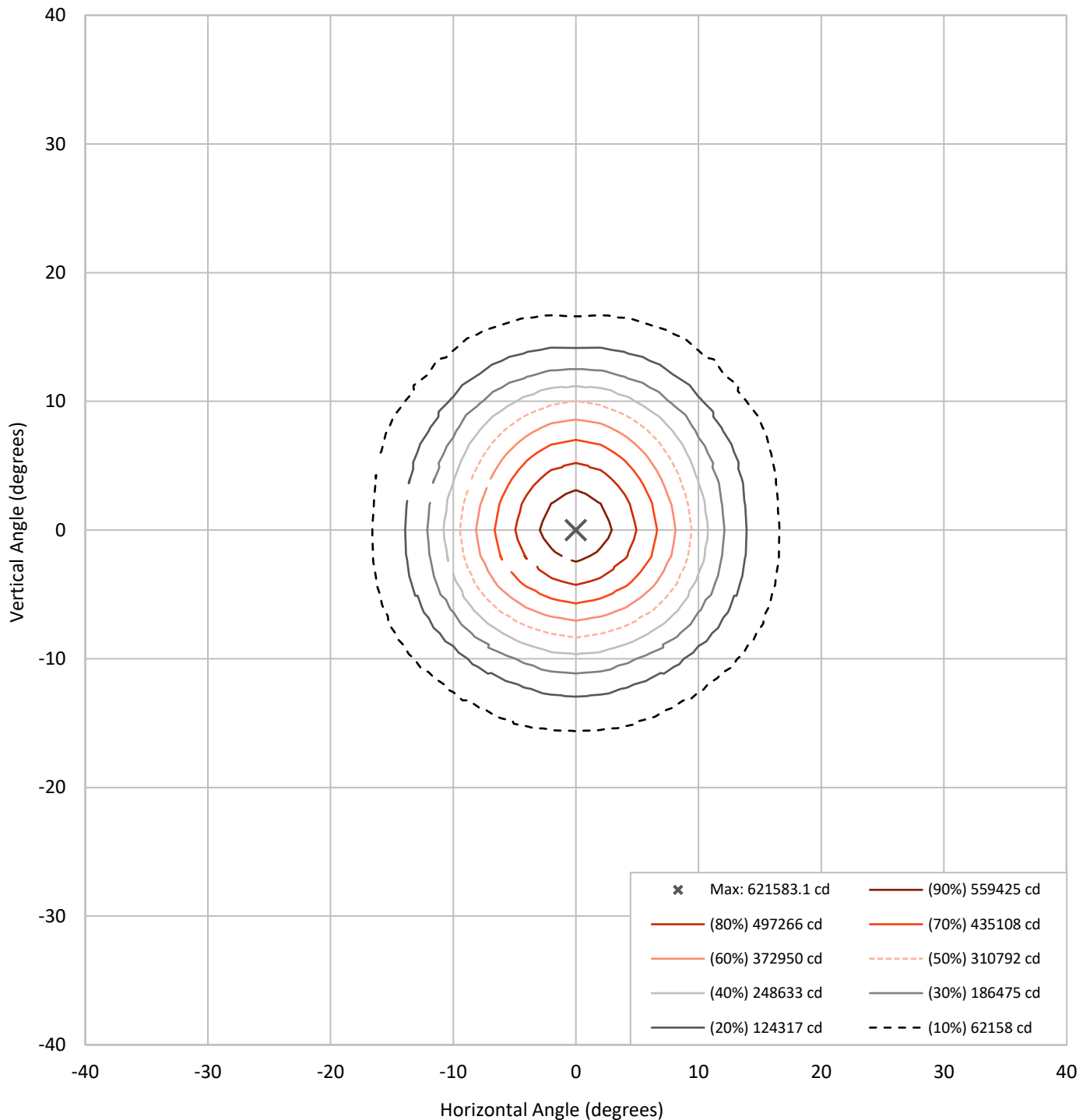
Test Method: LM-79-08
Report Number: P1305833 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-680R-57-70-1S-CV1-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	74870.7 lumens	Max Intensity:	621583.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	34932.4 lumens	Field Lumens:	63446.9 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	718		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





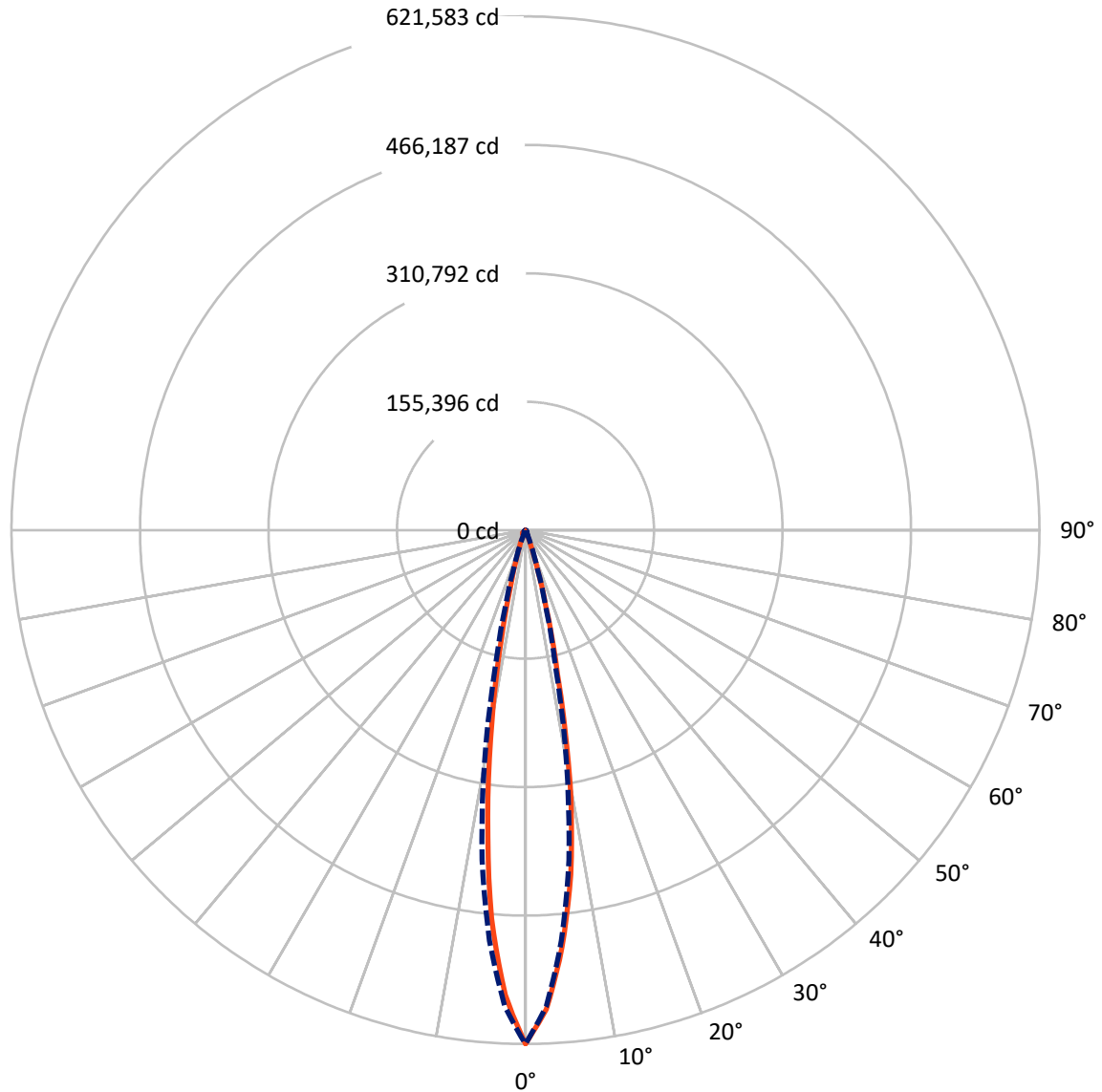
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Lumen Table

90	0.1	0.3		0.4		0.5		0.5		0.5		0.4		0.3		0.1			
80	0.1	0.3		0.4		0.5		0.5		0.5		0.4		0.3		0.1			
70	0.1	0.1	0.2	0.6	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.6	0.2	0.1	0.1			
60		0.1	0.3	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.3	0.1				
50	0.2	0.2	0.4	0.4	0.5	0.8	1.2	0.9	0.9	1.2	0.8	0.5	0.4	0.4	0.2	0.2			
40		0.3	0.9	2.1	4.1	6.0	8.5	10.4	10.4	8.5	6.0	4.1	2.1	0.9	0.3				
30	0.3	0.5	4.1	12.9	30.6	41.5	66.5	118.6	118.6	66.5	41.5	30.6	12.9	4.1	0.5	0.3			
20		1.3	8.7	37.4	75.2	99.6	728.2	2934.5	2934.5	728.2	99.6	75.2	37.4	8.7	1.3				
10	0.4	2.0	11.2	50.4	83.7	183.0	2728.1	11781.5	11781.5	2728.1	183.0	83.7	50.4	11.2	2.0	0.4			
0		2.5	11.8	49.5	83.6	177.6	2609.9	10914.0	10914.0	2609.9	177.6	83.6	49.5	11.8	2.5				
-10	0.6	3.0	11.3	39.6	77.0	97.2	581.2	2179.0	2179.0	581.2	97.2	77.0	39.6	11.3	3.0	0.6			
-20		3.0	11.0	27.5	76.3	95.7	108.3	187.0	187.0	108.3	95.7	76.3	27.5	11.0	3.0				
-30	0.5	2.7	10.0	19.3	54.2	112.2	131.3	135.4	135.4	131.3	112.2	54.2	19.3	10.0	2.7	0.5			
-40		1.9	7.6	17.1	28.7	51.6	93.6	127.0	127.0	93.6	51.6	28.7	17.1	7.6	1.9				
-50	0.3	1.0	4.4	11.5	21.9	31.9	40.2	45.2	45.2	40.2	31.9	21.9	11.5	4.4	1.0	0.3			
-60		0.4	1.5	4.5	9.4	15.4	21.3	24.8	24.8	21.3	15.4	9.4	4.5	1.5	0.4				
-70	0.2	1.2		3.4		7.8		10.6		7.8		3.4		1.2		0.2			
-80		1.2		3.4		7.8		10.6		7.8		3.4		1.2					
-90	0.2	1.2		3.4		7.8		10.6		7.8		3.4		1.2		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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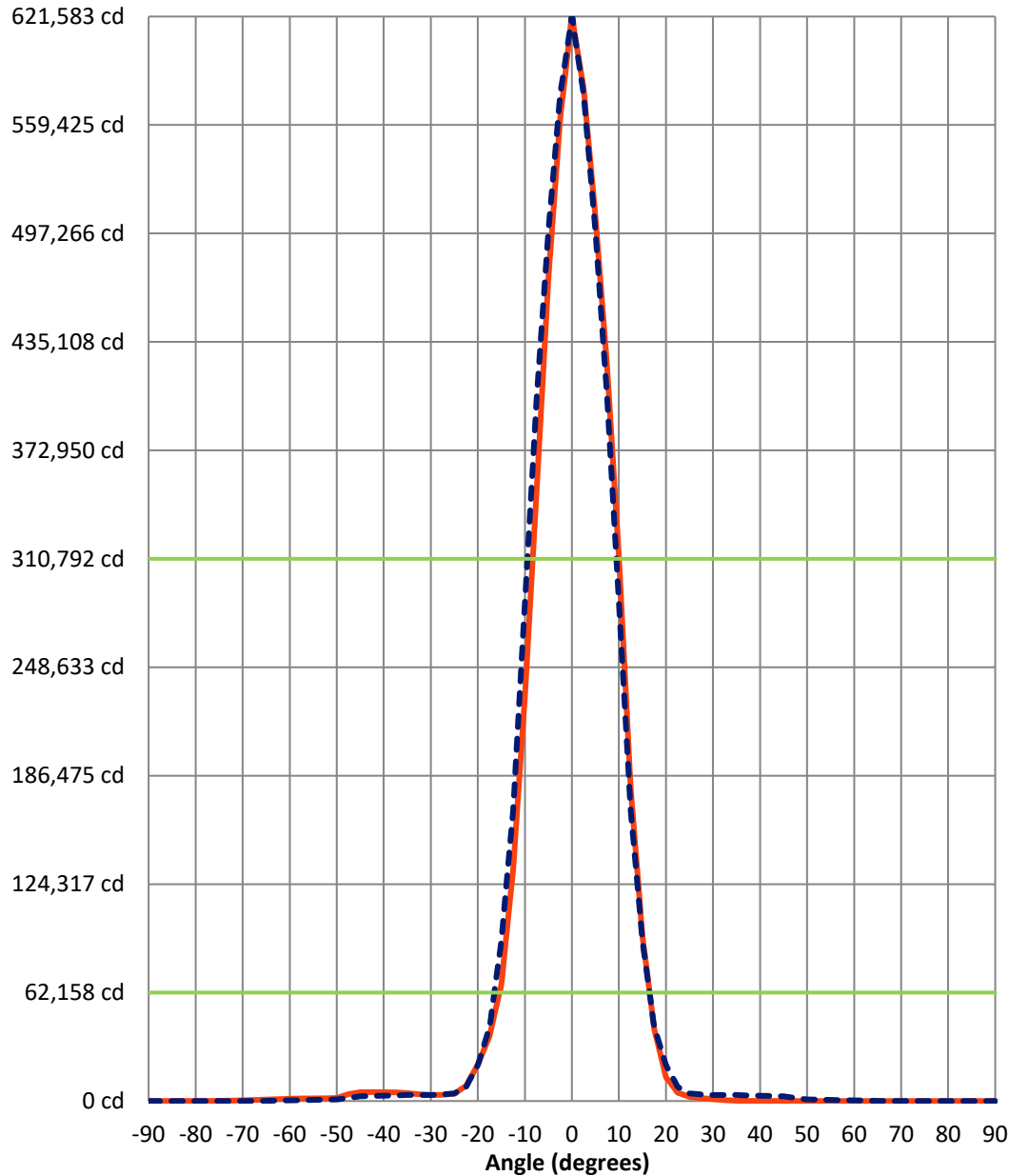
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 18.9°
 V Angle: 18.3°
 Lumens: 34932.4
 Efficiency: 46.7%

Field:
 H Angle: 33°
 V Angle: 31.9°
 Lumens: 63446.9
 Efficiency: 84.7%

Spill:
 Lumens: 11423.8
 Efficiency: 15.3%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.5	4.5	4.5	5.3	6.0	6.8	7.5	8.3	9.0	9.8	10.5
87.5°	4.5	4.5	4.5	4.2	3.9	3.6	3.4	3.3	3.3	3.1	3.0
85°	4.5	4.6	4.5	4.2	4.0	3.9	3.8	3.7	3.5	3.3	3.0
82.5°	4.5	4.6	4.5	4.3	4.1	4.1	4.2	4.0	3.8	3.6	3.4
80°	4.5	4.6	4.5	4.3	4.3	4.3	4.5	4.5	4.3	4.2	4.1
77.5°	4.5	4.7	4.5	4.4	4.4	4.6	4.9	4.9	4.9	4.8	4.6
75°	4.5	4.7	4.5	4.4	4.5	4.9	5.3	5.4	5.3	5.0	4.6
72.5°	4.5	4.7	4.5	4.5	4.8	5.2	5.7	5.7	5.4	5.0	4.7
70°	4.5	4.8	4.6	4.5	5.0	5.5	6.0	5.8	5.4	5.1	5.2
67.5°	4.5	4.8	4.6	4.7	5.3	5.9	6.0	5.8	5.5	5.7	5.8
65°	4.5	4.8	4.6	4.9	5.5	6.1	6.1	5.9	6.0	6.2	6.3
62.5°	4.5	4.9	4.7	5.1	5.8	6.2	6.2	6.2	6.5	6.8	6.6
60°	4.5	4.9	4.7	5.2	6.0	6.3	6.3	6.6	7.0	7.1	6.8
57.5°	4.5	5.0	4.8	5.4	6.1	6.4	6.6	7.1	7.5	7.5	7.4
55°	4.5	5.0	5.0	5.6	6.3	6.6	7.0	7.5	7.9	8.0	8.1
52.5°	4.5	5.1	5.1	5.7	6.5	6.8	7.4	8.0	8.4	8.6	8.9
50°	4.5	5.1	5.3	5.9	6.6	7.1	7.8	8.5	8.9	9.3	10.2
47.5°	4.5	5.1	5.4	6.0	6.8	7.4	8.1	9.0	9.5	9.9	11.6
45°	4.5	5.2	5.6	6.2	7.0	7.7	8.6	9.6	10.1	11.0	12.9
42.5°	4.5	5.2	5.7	6.3	7.2	8.0	9.1	10.1	10.6	12.0	15.2
40°	4.5	5.3	5.8	6.5	7.4	8.3	9.6	10.6	11.3	13.0	17.6
37.5°	4.5	5.3	6.0	6.7	7.6	8.5	10.1	11.0	12.3	14.4	19.7
35°	4.5	5.4	6.1	6.9	7.8	8.9	10.6	11.5	13.2	16.5	21.5
32.5°	4.5	5.4	6.2	7.1	8.0	9.3	11.1	11.9	14.2	18.6	23.3
30°	4.5	5.5	6.3	7.3	8.2	9.7	11.5	12.5	15.2	20.5	25.5
27.5°	4.5	5.5	6.5	7.4	8.4	10.1	11.8	13.3	16.4	22.4	28.0
25°	4.5	5.6	6.6	7.6	8.7	10.5	12.2	14.1	18.0	24.3	30.8
22.5°	4.5	5.6	6.7	7.8	8.9	10.9	12.5	14.8	19.4	26.5	35.1
20°	4.5	5.7	6.8	8.0	9.1	11.1	12.9	15.6	20.8	28.7	39.7
17.5°	4.5	5.7	6.9	8.1	9.3	11.4	13.2	16.3	22.1	31.1	44.7
15°	4.5	5.8	7.0	8.3	9.5	11.6	13.4	17.0	23.2	33.5	49.8
12.5°	4.5	5.8	7.1	8.4	9.7	11.7	13.7	17.6	24.3	35.8	55.0
10°	4.5	5.8	7.2	8.5	9.9	11.8	14.0	18.1	25.3	38.0	60.1
7.5°	4.5	5.9	7.3	8.7	10.1	11.9	14.3	18.5	26.3	40.1	65.1
5°	4.5	5.9	7.4	8.8	10.2	12.0	14.5	18.9	27.1	42.0	69.8
2.5°	4.5	6.0	7.4	8.9	10.4	12.0	14.8	19.2	27.9	43.6	74.2
0°	4.5	6.0	7.5	9.0	10.5	12.0	15.0	19.5	28.5	45.0	78.0
-2.5°	4.5	6.0	7.6	9.1	10.8	12.7	16.4	23.2	36.6	59.4	100.3
-5°	4.5	6.1	7.6	9.2	11.0	13.3	17.7	26.8	44.3	73.1	121.5
-7.5°	4.5	6.1	7.7	9.3	11.2	13.9	19.0	30.1	51.5	86.0	141.1
-10°	4.5	6.1	7.7	9.3	11.4	14.4	20.1	33.1	58.0	97.5	158.8
-12.5°	4.5	6.1	7.8	9.4	11.6	14.9	21.1	35.7	63.5	107.7	173.6
-15°	4.5	6.1	7.8	9.4	11.8	15.3	22.0	37.7	68.8	116.8	185.8
-17.5°	4.5	6.1	7.8	9.5	11.9	15.7	22.6	40.0	74.0	124.3	195.2
-20°	4.5	6.2	7.8	9.5	12.0	15.9	23.4	42.3	77.8	129.9	201.6



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 CATALOG NUMBER: EPH-08-680R-57-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.5	6.2	7.8	9.5	12.0	16.1	24.2	43.6	80.1	133.5	204.8
-25°	4.5	6.1	7.9	9.5	12.0	16.3	24.6	43.8	80.8	135.0	204.7
-27.5°	4.5	6.1	7.9	9.5	12.0	16.3	24.5	43.0	79.8	134.9	205.7
-30°	4.5	6.1	7.8	9.5	11.9	16.3	24.0	41.0	78.4	133.6	204.0
-32.5°	4.5	6.1	7.8	9.5	11.9	16.2	22.9	39.9	76.1	129.9	199.4
-35°	4.5	6.1	7.8	9.5	11.8	16.0	22.4	38.7	72.0	123.8	191.7
-37.5°	4.5	6.1	7.8	9.4	11.7	15.7	22.1	36.7	66.2	115.2	179.5
-40°	4.5	6.0	7.8	9.4	11.6	15.6	21.6	33.9	58.6	106.3	165.3
-42.5°	4.5	6.0	7.7	9.4	11.5	15.3	21.0	30.4	52.9	94.7	148.5
-45°	4.5	5.9	7.7	9.3	11.4	15.0	20.2	27.5	47.9	81.2	129.7
-47.5°	4.5	5.9	7.6	9.3	11.4	14.6	19.3	26.4	41.9	66.3	112.5
-50°	4.5	5.8	7.6	9.2	11.3	14.2	18.6	25.0	34.7	58.0	93.5
-52.5°	4.5	5.8	7.5	9.1	11.2	13.6	17.9	23.5	31.0	48.7	73.7
-55°	4.5	5.7	7.4	9.0	11.0	13.3	17.1	21.9	28.9	38.5	61.8
-57.5°	4.5	5.6	7.4	8.9	10.8	13.1	16.2	20.7	26.6	34.0	48.9
-60°	4.5	5.6	7.3	8.7	10.6	12.8	15.3	19.5	24.4	31.1	38.6
-62.5°	4.5	5.5	7.1	8.5	10.3	12.5	14.8	18.2	22.9	27.9	34.9
-65°	4.5	5.4	6.9	8.3	10.0	12.1	14.3	17.1	21.4	25.9	30.9
-67.5°	4.5	5.3	6.7	8.1	9.6	11.6	13.8	16.4	19.8	24.1	28.3
-70°	4.5	5.3	6.5	7.9	9.2	11.0	13.2	15.6	18.7	22.2	26.2
-72.5°	4.5	5.2	6.3	7.6	8.7	10.3	12.3	14.8	17.5	20.6	24.1
-75°	4.5	5.1	6.0	7.2	8.3	9.6	11.3	13.7	16.3	19.0	22.0
-77.5°	4.5	5.0	5.8	6.9	7.9	8.9	10.2	12.5	14.9	17.3	19.8
-80°	4.5	4.9	5.5	6.6	7.5	8.3	9.1	11.2	13.5	15.7	17.9
-82.5°	4.5	4.8	5.3	6.3	7.2	7.9	8.6	10.2	12.0	14.0	16.1
-85°	4.5	4.7	5.0	5.9	6.8	7.5	8.3	9.6	11.0	12.6	14.3
-87.5°	4.5	4.6	4.8	5.6	6.4	7.2	7.9	8.9	10.0	11.2	12.4
-90°	4.5	4.5	4.5	4.1	3.8	3.4	3.0	3.0	3.0	3.0	3.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	10.5	10.5	10.5	10.5	10.9	11.3	11.6	12.0	12.4	12.8	13.1
87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.8	1.5	1.5	1.5	1.5
85°	3.0	3.0	3.0	3.0	2.7	2.5	2.3	2.1	2.0	1.9	1.7
82.5°	3.4	3.4	3.2	3.0	2.9	2.9	3.0	3.0	2.7	2.5	2.3
80°	4.0	3.8	3.6	3.5	3.5	3.5	3.3	3.1	3.0	3.1	3.3
77.5°	4.3	4.2	4.2	4.3	4.2	4.0	3.8	3.8	4.0	4.2	4.4
75°	4.4	4.5	4.6	4.6	4.4	4.4	4.5	4.8	5.0	5.0	4.9
72.5°	4.7	4.9	4.9	4.7	4.8	5.2	5.5	5.9	6.6	7.4	8.2
70°	5.4	5.4	5.3	5.4	5.7	6.3	7.6	9.3	10.9	12.8	15.6
67.5°	5.9	5.7	5.8	6.2	7.2	8.7	10.5	16.5	23.5	26.4	27.3
65°	6.0	6.0	6.6	7.6	8.9	13.6	20.2	28.4	36.1	36.9	35.6
62.5°	6.1	6.6	7.6	9.8	14.2	20.6	27.7	35.5	44.2	44.6	39.0
60°	6.7	7.4	9.7	13.9	19.1	24.9	32.7	39.0	46.2	49.5	37.8
57.5°	7.5	8.8	12.6	17.6	22.9	27.2	31.4	37.9	41.7	42.4	31.2
55°	8.7	10.7	15.5	21.3	25.1	24.1	27.6	31.2	32.7	30.4	21.7
52.5°	10.5	12.8	18.9	23.9	24.7	22.7	22.6	24.4	22.7	19.5	17.0
50°	12.1	16.6	22.1	25.3	24.6	21.6	18.3	17.9	17.3	16.2	14.6
47.5°	14.9	20.1	24.8	26.8	23.7	20.6	16.6	16.0	16.0	15.4	14.1
45°	17.9	22.9	27.8	26.0	23.1	20.0	18.4	16.5	16.5	16.7	17.6
42.5°	20.7	25.2	27.6	25.3	23.3	22.5	22.1	19.7	19.6	23.7	25.1
40°	22.6	27.1	27.6	27.2	25.1	27.2	27.8	28.0	29.3	33.6	35.8
37.5°	24.1	27.8	29.6	32.4	30.4	33.7	35.2	51.6	53.6	45.3	62.2
35°	25.4	29.2	36.8	44.9	47.5	42.2	63.7	86.2	94.0	88.9	108.0
32.5°	26.8	31.2	46.5	66.0	83.8	79.3	100.1	139.1	163.9	176.5	191.8
30°	29.6	40.3	61.7	92.8	138.9	166.5	168.1	209.4	255.1	336.3	409.5
27.5°	34.2	52.2	87.5	143.8	214.8	272.5	283.2	309.9	414.5	568.1	761.5
25°	39.5	81.2	117.1	213.1	317.6	382.6	401.5	446.8	628.4	980.7	1171.7
22.5°	54.2	119.7	167.2	293.8	433.0	489.1	528.5	693.4	1021.2	1486.9	1630.3
20°	82.0	164.4	229.4	363.1	549.5	594.3	653.6	1007.2	1532.8	1920.6	2115.4
17.5°	114.8	209.5	291.7	431.6	595.7	678.5	803.9	1366.5	2061.1	2339.6	2542.4
15°	151.4	254.6	345.7	491.9	636.4	734.4	1039.4	1784.3	2508.0	2738.5	2936.9
12.5°	190.5	299.3	392.2	544.2	676.6	786.4	1253.8	2078.0	2722.9	3048.8	3304.4
10°	230.9	343.3	432.1	589.0	715.7	834.2	1454.6	2329.7	2831.5	3101.4	3383.5
7.5°	255.9	371.3	462.6	626.8	753.0	877.7	1636.5	2539.1	2906.3	3117.7	3326.8
5°	274.6	380.9	470.5	643.7	780.8	909.8	1773.5	2705.7	2953.8	3105.3	3227.9
2.5°	288.8	387.5	475.6	652.9	801.7	925.9	1786.5	2731.9	2939.3	3081.6	3166.2
0°	298.3	391.3	478.3	656.7	818.6	937.0	1760.1	2718.1	2907.0	3053.9	3152.9
-2.5°	308.8	402.7	499.9	668.3	820.1	937.4	1735.0	2691.1	2939.0	3136.3	3300.6
-5°	315.2	411.9	518.2	675.4	817.3	933.6	1678.5	2622.1	2935.0	3142.8	3344.2
-7.5°	318.1	418.9	532.4	677.4	805.7	915.7	1582.5	2457.3	2811.5	3005.9	3255.2
-10°	319.2	427.9	539.1	666.8	782.9	887.7	1454.7	2266.9	2683.9	2861.8	3123.9
-12.5°	322.2	438.7	543.4	656.3	759.7	856.7	1298.4	2058.3	2555.4	2711.9	2978.8
-15°	322.2	447.3	546.4	647.2	737.2	823.0	1114.8	1837.7	2485.2	2739.3	2958.6
-17.5°	319.6	453.9	548.7	640.9	716.5	787.0	911.9	1640.8	2440.9	2798.5	3014.9
-20°	314.4	458.5	550.6	638.3	699.2	770.3	869.5	1421.3	2215.7	2825.3	3089.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	307.1	461.1	552.4	636.3	704.8	772.0	855.6	1172.5	1902.9	2821.9	3091.8
-25°	303.6	448.2	552.1	635.9	713.2	775.4	839.1	935.8	1566.7	2420.4	3009.8
-27.5°	302.3	433.3	542.5	629.7	720.9	780.9	836.1	914.5	1245.0	1939.5	2841.9
-30°	296.4	408.9	528.8	617.2	713.3	787.3	841.5	891.2	982.3	1525.1	2276.2
-32.5°	282.8	383.3	502.7	598.8	695.0	793.3	843.6	886.3	953.5	1114.0	1724.1
-35°	266.8	363.0	471.8	575.5	669.5	772.9	840.4	885.3	929.4	1007.1	1283.6
-37.5°	252.5	339.7	440.3	544.9	639.3	736.3	833.2	880.7	925.1	980.6	1085.9
-40°	235.3	313.3	410.4	509.9	604.3	697.7	791.6	874.1	918.7	990.9	1060.4
-42.5°	215.4	291.2	378.4	474.0	564.3	656.0	747.9	836.2	928.7	1001.2	1070.7
-45°	193.7	266.0	344.4	431.3	520.1	609.5	698.7	790.6	902.2	1012.6	1082.2
-47.5°	168.8	237.8	312.4	384.2	469.7	557.3	644.9	741.1	851.7	967.0	1091.2
-50°	142.6	206.4	274.6	340.5	413.2	498.4	584.3	681.2	785.2	896.8	1013.9
-52.5°	118.7	171.5	233.0	296.8	360.2	431.2	517.2	609.2	706.7	811.6	913.8
-55°	92.7	139.3	188.1	248.1	310.3	370.6	440.6	526.7	616.5	711.6	803.9
-57.5°	73.1	106.0	147.2	194.8	253.3	314.2	374.5	439.6	519.1	603.0	680.0
-60°	57.0	78.7	108.6	147.6	190.8	246.9	306.5	365.4	426.9	488.2	554.6
-62.5°	42.3	58.9	78.1	103.4	139.7	177.9	227.5	282.5	339.6	390.5	438.7
-65°	37.6	42.5	55.7	73.2	91.1	122.7	157.7	194.4	242.2	287.0	330.6
-67.5°	32.6	37.2	41.5	48.1	63.8	79.5	95.0	125.5	157.4	186.1	216.6
-70°	29.5	32.1	35.9	39.6	43.2	49.9	63.5	76.9	89.6	105.1	129.2
-72.5°	26.7	28.8	31.2	33.9	37.0	40.1	43.3	46.5	54.5	65.1	74.6
-75°	24.0	25.3	27.1	29.1	31.4	33.6	35.8	38.4	41.2	44.2	47.3
-77.5°	21.3	22.4	23.5	24.6	26.0	27.9	29.8	31.6	33.3	35.0	36.6
-80°	18.8	19.5	20.3	21.2	22.2	23.3	24.4	25.6	26.9	28.2	29.6
-82.5°	16.7	17.2	17.7	18.2	18.7	19.2	19.7	20.4	21.1	21.9	22.7
-85°	14.7	15.0	15.3	15.7	16.0	16.3	16.6	16.9	17.1	17.4	17.6
-87.5°	12.6	12.7	12.9	13.1	13.4	13.7	13.9	14.1	14.3	14.5	14.6
-90°	2.6	2.3	1.9	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.5	13.9	14.3	14.6	15.0	15.4	15.8	16.1	16.5	16.5	16.5
87.5°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.7
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	2.2	2.1	2.0	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	3.4	3.2	3.0	2.7	2.5	2.3	2.1	1.8	1.5	1.5	1.5
77.5°	4.5	4.2	3.8	3.5	3.1	2.9	2.8	2.7	2.7	2.8	2.9
75°	4.6	4.5	4.7	4.7	4.5	4.3	4.1	3.7	3.1	3.0	3.0
72.5°	8.9	9.2	9.1	8.9	8.1	7.6	7.3	7.0	6.6	6.5	6.4
70°	17.0	17.2	16.5	15.0	12.7	11.2	10.6	9.8	8.9	8.9	9.3
67.5°	25.9	23.7	21.6	19.2	16.1	14.0	13.2	12.4	11.6	11.2	11.1
65°	32.0	25.1	21.4	19.0	17.5	15.7	14.0	12.4	10.8	9.7	9.4
62.5°	31.6	22.1	17.8	15.8	14.3	13.2	11.5	10.1	8.8	7.9	7.8
60°	27.4	18.4	13.7	12.3	11.3	10.5	9.6	8.7	8.0	7.5	7.5
57.5°	21.5	14.3	10.5	10.3	9.9	9.3	8.8	8.3	7.9	7.5	7.9
55°	15.6	12.5	10.6	10.4	10.1	9.5	8.9	8.8	8.7	8.5	9.1
52.5°	13.5	12.3	11.8	11.5	10.9	10.5	10.4	10.4	10.5	10.8	11.0
50°	13.3	12.8	12.5	11.9	11.8	11.9	11.9	12.3	12.8	12.9	13.0
47.5°	13.8	13.7	14.1	13.3	13.6	14.6	14.8	15.1	16.2	16.4	16.4
45°	16.3	18.5	19.0	18.9	18.5	24.1	25.2	23.1	31.7	30.5	23.7
42.5°	25.1	27.8	29.6	34.9	43.0	48.2	62.2	85.5	76.4	57.6	37.2
40°	43.1	42.3	50.5	60.5	66.4	77.3	94.4	116.6	107.6	91.4	97.6
37.5°	75.9	76.9	79.6	92.6	97.4	85.4	110.6	108.8	92.3	118.0	121.0
35°	139.3	154.1	130.9	159.4	166.1	155.9	165.1	182.6	158.0	191.0	201.7
32.5°	250.6	276.2	277.2	283.9	307.4	330.2	336.6	384.0	399.3	439.2	482.1
30°	400.3	447.5	487.6	498.5	530.0	586.3	632.7	723.9	821.5	894.8	991.2
27.5°	721.6	678.9	768.2	877.1	842.4	924.2	1091.6	1223.2	1417.7	1557.8	1633.4
25°	1167.1	1097.7	1260.5	1426.4	1426.8	1440.7	1682.9	1894.0	2053.2	2179.6	2290.5
22.5°	1692.9	1779.3	1925.3	2118.0	2017.6	2109.2	2349.6	2521.0	2744.1	2962.7	3617.8
20°	2282.2	2457.1	2577.2	2548.5	2544.1	2699.7	2911.3	3242.1	3916.9	6295.5	8566.9
17.5°	2801.3	3013.8	3003.3	2882.4	2939.7	3200.9	3584.8	4869.7	8278.4	16003.6	23233.4
15°	3204.0	3298.6	3236.3	3164.0	3292.2	3683.4	4643.6	8798.5	19142.3	31513.4	45634.1
12.5°	3472.9	3435.8	3272.3	3284.1	3588.8	4138.4	7401.7	17126.1	32082.9	49651.6	85153.5
10°	3576.9	3475.1	3332.1	3464.4	3880.1	5203.0	9955.3	23778.9	46391.7	82917.7	130769.7
7.5°	3506.1	3419.4	3379.0	3612.9	4166.1	6890.7	15475.1	33633.4	66498.4	113601.4	180941.2
5°	3460.3	3402.4	3411.1	3710.3	4346.9	8131.7	19376.3	39832.8	82485.0	143274.2	228945.1
2.5°	3457.7	3423.1	3438.4	3778.1	4448.9	8766.9	21573.8	40865.2	88100.6	159414.4	268223.4
0°	3494.7	3472.2	3458.7	3791.5	4400.2	8145.2	20698.2	42523.8	91953.0	166696.5	285287.6
-2.5°	3667.3	3483.3	3475.6	3790.8	4454.0	8607.6	21210.8	41951.0	90562.5	159966.3	266982.2
-5°	3626.0	3417.9	3384.7	3649.3	4268.5	7751.2	18569.3	38742.9	79549.8	136020.1	220056.0
-7.5°	3462.2	3323.1	3264.1	3474.7	4013.1	6505.8	14400.7	30588.0	59902.5	102526.9	158573.4
-10°	3329.0	3237.2	3149.9	3295.7	3704.9	4971.9	9180.3	20520.5	40746.1	69720.4	101817.2
-12.5°	3258.9	3215.5	3058.2	3098.9	3384.8	3946.8	6423.5	13870.4	25517.4	37859.0	61845.4
-15°	3209.3	3176.4	3029.0	3019.3	3179.0	3511.2	4231.6	7194.6	14269.5	23154.4	32675.3
-17.5°	3164.5	3152.5	3074.4	2989.6	3009.6	3202.1	3598.8	4650.9	7297.4	12945.0	19098.9
-20°	3186.1	3193.0	3133.5	3044.9	3013.4	3038.3	3244.4	3606.9	4277.3	6560.4	9348.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3179.3	3199.6	3183.6	3190.0	3151.9	3094.0	3053.2	3211.5	3465.2	3871.1	4902.4
-25°	3178.6	3206.6	3325.6	3478.1	3462.3	3324.0	3179.2	3053.7	3198.9	3374.3	3630.2
-27.5°	3131.6	3313.5	3609.9	3834.7	3899.2	3747.7	3545.1	3334.3	3311.1	3305.6	3404.0
-30°	3116.1	3507.1	3856.8	4177.1	4222.3	4145.9	4052.1	3901.9	3740.7	3651.5	3603.9
-32.5°	2645.8	3592.6	4020.2	4308.3	4379.7	4376.3	4397.4	4326.1	4275.8	4218.1	4136.6
-35°	2008.7	3002.2	4049.0	4181.9	4298.0	4401.5	4540.1	4575.5	4603.4	4635.3	4663.8
-37.5°	1402.7	2177.1	3046.9	3805.7	4046.8	4226.9	4472.3	4652.4	4802.1	4876.4	4965.6
-40°	1162.0	1376.0	2049.8	2691.2	3323.1	3905.9	4170.2	4477.0	4763.9	4923.4	5069.2
-42.5°	1138.1	1214.3	1295.3	1742.6	2277.5	2827.5	3367.9	3857.9	4379.8	4727.9	4984.0
-45°	1145.8	1184.3	1231.6	1310.1	1393.9	1813.7	2266.5	2728.8	3299.2	3856.6	4343.0
-47.5°	1144.9	1180.0	1217.4	1255.4	1305.4	1383.7	1464.1	1594.9	1999.5	2427.2	2841.0
-50°	1105.2	1176.6	1211.5	1247.1	1283.4	1322.1	1362.7	1420.1	1488.5	1552.7	1604.6
-52.5°	1005.1	1089.2	1170.0	1237.8	1271.1	1305.1	1341.1	1389.0	1433.9	1476.0	1497.9
-55°	891.9	975.6	1057.4	1130.2	1198.9	1265.0	1326.3	1370.1	1415.0	1460.6	1479.3
-57.5°	761.8	846.3	927.5	995.4	1063.8	1132.4	1196.0	1256.9	1317.8	1375.5	1407.7
-60°	623.3	693.9	766.6	836.1	902.8	966.1	1025.3	1083.1	1138.4	1186.8	1217.3
-62.5°	487.3	542.8	604.2	664.6	723.1	779.6	834.2	886.2	935.3	976.7	1005.4
-65°	373.0	414.5	456.8	500.3	544.7	593.3	639.2	682.6	723.2	756.8	781.9
-67.5°	253.4	289.3	323.5	355.7	388.3	422.6	457.4	490.2	520.6	545.4	564.9
-70°	152.3	174.7	196.4	219.6	245.8	270.8	295.4	318.6	340.4	357.3	370.0
-72.5°	83.0	91.1	101.8	119.6	136.1	151.4	165.4	178.0	189.4	198.7	206.4
-75°	50.5	54.6	61.2	67.5	73.6	79.4	85.0	90.1	94.7	98.6	101.8
-77.5°	38.7	40.9	43.0	45.0	46.8	48.8	50.8	52.6	54.3	55.8	57.2
-80°	30.9	32.1	33.3	34.5	35.5	36.8	38.1	39.3	40.5	41.3	42.1
-82.5°	23.6	24.8	25.9	26.9	27.8	28.5	29.2	29.9	30.6	31.2	31.8
-85°	17.9	18.7	19.6	20.5	21.4	21.6	21.9	22.0	22.2	22.7	23.1
-87.5°	14.7	15.1	15.5	16.0	16.4	16.8	17.2	17.6	17.9	18.3	18.7
-90°	1.5	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-08-680R-57-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.1
87.5°	0.4	0.0	0.7	1.5	0.7	0.0	0.4	0.7	1.1	1.4	1.4
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.8
77.5°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.7	2.7
75°	3.0	3.0	3.7	4.5	3.7	3.0	3.0	3.0	3.0	3.1	3.7
72.5°	6.2	6.0	6.0	6.0	6.0	6.0	6.2	6.4	6.5	6.6	7.0
70°	9.8	10.3	10.5	10.5	10.5	10.3	9.8	9.3	8.9	8.9	9.8
67.5°	10.9	10.6	9.1	7.5	9.1	10.6	10.9	11.1	11.2	11.6	12.4
65°	9.2	9.1	8.3	7.5	8.3	9.1	9.2	9.4	9.7	10.8	12.4
62.5°	7.7	7.6	7.5	7.5	7.5	7.6	7.7	7.8	7.9	8.8	10.1
60°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	8.0	8.7
57.5°	8.3	8.8	9.0	9.0	9.0	8.8	8.3	7.9	7.5	7.9	8.3
55°	9.7	10.2	10.5	10.5	10.5	10.2	9.7	9.1	8.5	8.7	8.8
52.5°	11.0	10.7	11.0	12.0	11.0	10.7	11.0	11.0	10.8	10.5	10.4
50°	13.1	13.3	13.5	13.5	13.5	13.3	13.1	13.0	12.9	12.8	12.3
47.5°	16.6	16.5	16.4	16.5	16.4	16.5	16.6	16.4	16.4	16.2	15.1
45°	24.6	25.0	25.7	27.0	25.7	25.0	24.6	23.7	30.5	31.7	23.1
42.5°	38.9	39.8	40.2	40.5	40.2	39.8	38.9	37.2	57.6	76.4	85.5
40°	92.6	73.6	55.1	55.5	55.1	73.6	92.6	97.6	91.4	107.6	116.6
37.5°	106.3	96.7	92.9	91.5	92.9	96.7	106.3	121.0	118.0	92.3	108.8
35°	201.4	204.9	200.3	202.4	200.3	204.9	201.4	201.7	191.0	158.0	182.6
32.5°	495.8	515.9	508.8	511.2	508.8	515.9	495.8	482.1	439.2	399.3	384.0
30°	1030.1	1091.9	1105.9	1101.9	1105.9	1091.9	1030.1	991.2	894.8	821.5	723.9
27.5°	1663.8	1712.9	1723.0	1713.6	1723.0	1712.9	1663.8	1633.4	1557.8	1417.7	1223.2
25°	2351.7	2398.4	2424.8	2412.2	2424.8	2398.4	2351.7	2290.5	2179.6	2053.2	1894.0
22.5°	4376.3	4588.8	4692.3	4833.5	4692.3	4588.8	4376.3	3617.8	2962.7	2744.1	2521.0
20°	12906.5	14373.7	14095.7	13792.8	14095.7	14373.7	12906.5	8566.9	6295.5	3916.9	3242.1
17.5°	32216.4	39430.2	42865.2	41466.9	42865.2	39430.2	32216.4	23233.4	16003.6	8278.4	4869.7
15°	65892.0	86047.3	97832.0	94686.1	97832.0	86047.3	65892.0	45634.1	31513.4	19142.3	8798.5
12.5°	119363.8	151396.7	175936.9	179449.6	175936.9	151396.7	119363.8	85153.5	49651.6	32082.9	17126.1
10°	187718.3	246912.1	295694.0	311621.4	295694.0	246912.1	187718.3	130769.7	82917.7	46391.7	23778.9
7.5°	269193.6	348213.4	404472.6	420110.0	404472.6	348213.4	269193.6	180941.2	113601.4	66498.4	33633.4
5°	334538.0	425479.0	487779.5	506915.4	487779.5	425479.0	334538.0	228945.1	143274.2	82485.0	39832.8
2.5°	383482.8	478871.5	548343.3	580087.0	548343.3	478871.5	383482.8	268223.4	159414.4	88100.6	40865.2
0°	402443.2	498567.8	576470.1	621583.1	576470.1	498567.8	402443.2	285287.6	166696.5	91953.0	42523.8
-2.5°	383895.7	473264.6	533254.5	562837.0	533254.5	473264.6	383895.7	266982.2	159966.3	90562.5	41951.0
-5°	319605.5	398685.1	450418.3	471303.0	450418.3	398685.1	319605.5	220056.0	136020.1	79549.8	38742.9
-7.5°	229005.1	293920.0	332481.3	350078.5	332481.3	293920.0	229005.1	158573.4	102526.9	59902.5	30588.0
-10°	148782.4	184713.6	223594.0	231915.5	223594.0	184713.6	148782.4	101817.2	69720.4	40746.1	20520.5
-12.5°	83820.4	106493.5	125817.1	132790.9	125817.1	106493.5	83820.4	61845.4	37859.0	25517.4	13870.4
-15°	45349.6	58267.8	65228.3	66940.1	65228.3	58267.8	45349.6	32675.3	23154.4	14269.5	7194.6
-17.5°	26036.7	32242.3	35793.2	37423.5	35793.2	32242.3	26036.7	19098.9	12945.0	7297.4	4650.9
-20°	13913.3	17414.8	19414.1	20885.6	19414.1	17414.8	13913.3	9348.4	6560.4	4277.3	3606.9



REPORT NUMBER: P1305833 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6390.6	7469.8	8079.7	8768.9	8079.7	7469.8	6390.6	4902.4	3871.1	3465.2	3211.5
-25°	3852.5	3997.7	4085.2	4155.8	4085.2	3997.7	3852.5	3630.2	3374.3	3198.9	3053.7
-27.5°	3488.5	3536.0	3563.4	3592.1	3563.4	3536.0	3488.5	3404.0	3305.6	3311.1	3334.3
-30°	3562.9	3514.7	3498.0	3479.7	3498.0	3514.7	3562.9	3603.9	3651.5	3740.7	3901.9
-32.5°	4054.6	3961.0	3910.8	3863.5	3910.8	3961.0	4054.6	4136.6	4218.1	4275.8	4326.1
-35°	4652.8	4610.7	4588.5	4560.6	4588.5	4610.7	4652.8	4663.8	4635.3	4603.4	4575.5
-37.5°	4980.6	4973.3	4972.0	4957.9	4972.0	4973.3	4980.6	4965.6	4876.4	4802.1	4652.4
-40°	5086.1	5083.2	5075.9	5068.9	5075.9	5083.2	5086.1	5069.2	4923.4	4763.9	4477.0
-42.5°	5052.2	5097.4	5119.1	5119.8	5119.1	5097.4	5052.2	4984.0	4727.9	4379.8	3857.9
-45°	4653.0	4883.6	5017.7	5053.9	5017.7	4883.6	4653.0	4343.0	3856.6	3299.2	2728.8
-47.5°	3209.5	3534.7	3785.3	3942.9	3785.3	3534.7	3209.5	2841.0	2427.2	1999.5	1594.9
-50°	1649.8	1692.2	1734.9	1776.6	1734.9	1692.2	1649.8	1604.6	1552.7	1488.5	1420.1
-52.5°	1515.4	1533.1	1544.1	1550.2	1544.1	1533.1	1515.4	1497.9	1476.0	1433.9	1389.0
-55°	1496.3	1512.6	1520.7	1523.2	1520.7	1512.6	1496.3	1479.3	1460.6	1415.0	1370.1
-57.5°	1435.4	1458.3	1471.9	1478.2	1471.9	1458.3	1435.4	1407.7	1375.5	1317.8	1256.9
-60°	1242.8	1263.1	1276.9	1284.8	1276.9	1263.1	1242.8	1217.3	1186.8	1138.4	1083.1
-62.5°	1029.3	1048.1	1058.7	1062.9	1058.7	1048.1	1029.3	1005.4	976.7	935.3	886.2
-65°	802.6	819.0	835.5	848.6	835.5	819.0	802.6	781.9	756.8	723.2	682.6
-67.5°	581.3	594.5	609.1	620.7	609.1	594.5	581.3	564.9	545.4	520.6	490.2
-70°	380.0	387.3	399.1	409.3	399.1	387.3	380.0	370.0	357.3	340.4	318.6
-72.5°	212.6	217.2	226.0	233.9	226.0	217.2	212.6	206.4	198.7	189.4	178.0
-75°	104.6	106.7	107.6	107.9	107.6	106.7	104.6	101.8	98.6	94.7	90.1
-77.5°	58.5	59.6	59.9	60.0	59.9	59.6	58.5	57.2	55.8	54.3	52.6
-80°	42.7	43.3	44.2	45.0	44.2	43.3	42.7	42.1	41.3	40.5	39.3
-82.5°	32.4	32.9	33.0	33.0	33.0	32.9	32.4	31.8	31.2	30.6	29.9
-85°	23.5	24.0	24.0	24.0	24.0	24.0	23.5	23.1	22.7	22.2	22.0
-87.5°	19.1	19.5	19.5	19.5	19.5	19.5	19.1	18.7	18.3	17.9	17.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	15.8	15.4	15.0	14.6	14.3	13.9	13.5	13.1	12.8	12.4	12.0
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.9	2.0	2.1
82.5°	1.5	1.5	1.5	1.8	2.0	2.1	2.2	2.3	2.5	2.7	3.0
80°	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.3	3.1	3.0	3.1
77.5°	2.8	2.9	3.1	3.5	3.8	4.2	4.5	4.4	4.2	4.0	3.8
75°	4.1	4.3	4.5	4.7	4.7	4.5	4.6	4.9	5.0	5.0	4.8
72.5°	7.3	7.6	8.1	8.9	9.1	9.2	8.9	8.2	7.4	6.6	5.9
70°	10.6	11.2	12.7	15.0	16.5	17.2	17.0	15.6	12.8	10.9	9.3
67.5°	13.2	14.0	16.1	19.2	21.6	23.7	25.9	27.3	26.4	23.5	16.5
65°	14.0	15.7	17.5	19.0	21.4	25.1	32.0	35.6	36.9	36.1	28.4
62.5°	11.5	13.2	14.3	15.8	17.8	22.1	31.6	39.0	44.6	44.2	35.5
60°	9.6	10.5	11.3	12.3	13.7	18.4	27.4	37.8	49.5	46.2	39.0
57.5°	8.8	9.3	9.9	10.3	10.5	14.3	21.5	31.2	42.4	41.7	37.9
55°	8.9	9.5	10.1	10.4	10.6	12.5	15.6	21.7	30.4	32.7	31.2
52.5°	10.4	10.5	10.9	11.5	11.8	12.3	13.5	17.0	19.5	22.7	24.4
50°	11.9	11.9	11.8	11.9	12.5	12.8	13.3	14.6	16.2	17.3	17.9
47.5°	14.8	14.6	13.6	13.3	14.1	13.7	13.8	14.1	15.4	16.0	16.0
45°	25.2	24.1	18.5	18.9	19.0	18.5	16.3	17.6	16.7	16.5	16.5
42.5°	62.2	48.2	43.0	34.9	29.6	27.8	25.1	25.1	23.7	19.6	19.7
40°	94.4	77.3	66.4	60.5	50.5	42.3	43.1	35.8	33.6	29.3	28.0
37.5°	110.6	85.4	97.4	92.6	79.6	76.9	75.9	62.2	45.3	53.6	51.6
35°	165.1	155.9	166.1	159.4	130.9	154.1	139.3	108.0	88.9	94.0	86.2
32.5°	336.6	330.2	307.4	283.9	277.2	276.2	250.6	191.8	176.5	163.9	139.1
30°	632.7	586.3	530.0	498.5	487.6	447.5	400.3	409.5	336.3	255.1	209.4
27.5°	1091.6	924.2	842.4	877.1	768.2	678.9	721.6	761.5	568.1	414.5	309.9
25°	1682.9	1440.7	1426.8	1426.4	1260.5	1097.7	1167.1	1171.7	980.7	628.4	446.8
22.5°	2349.6	2109.2	2017.6	2118.0	1925.3	1779.3	1692.9	1630.3	1486.9	1021.2	693.4
20°	2911.3	2699.7	2544.1	2548.5	2577.2	2457.1	2282.2	2115.4	1920.6	1532.8	1007.2
17.5°	3584.8	3200.9	2939.7	2882.4	3003.3	3013.8	2801.3	2542.4	2339.6	2061.1	1366.5
15°	4643.6	3683.4	3292.2	3164.0	3236.3	3298.6	3204.0	2936.9	2738.5	2508.0	1784.3
12.5°	7401.7	4138.4	3588.8	3284.1	3272.3	3435.8	3472.9	3304.4	3048.8	2722.9	2078.0
10°	9955.3	5203.0	3880.1	3464.4	3332.1	3475.1	3576.9	3383.5	3101.4	2831.5	2329.7
7.5°	15475.1	6890.7	4166.1	3612.9	3379.0	3419.4	3506.1	3326.8	3117.7	2906.3	2539.1
5°	19376.3	8131.7	4346.9	3710.3	3411.1	3402.4	3460.3	3227.9	3105.3	2953.8	2705.7
2.5°	21573.8	8766.9	4448.9	3778.1	3438.4	3423.1	3457.7	3166.2	3081.6	2939.3	2731.9
0°	20698.2	8145.2	4400.2	3791.5	3458.7	3472.2	3494.7	3152.9	3053.9	2907.0	2718.1
-2.5°	21210.8	8607.6	4454.0	3790.8	3475.6	3483.3	3667.3	3300.6	3136.3	2939.0	2691.1
-5°	18569.3	7751.2	4268.5	3649.3	3384.7	3417.9	3626.0	3344.2	3142.8	2935.0	2622.1
-7.5°	14400.7	6505.8	4013.1	3474.7	3264.1	3323.1	3462.2	3255.2	3005.9	2811.5	2457.3
-10°	9180.3	4971.9	3704.9	3295.7	3149.9	3237.2	3329.0	3123.9	2861.8	2683.9	2266.9
-12.5°	6423.5	3946.8	3384.8	3098.9	3058.2	3215.5	3258.9	2978.8	2711.9	2555.4	2058.3
-15°	4231.6	3511.2	3179.0	3019.3	3029.0	3176.4	3209.3	2958.6	2739.3	2485.2	1837.7
-17.5°	3598.8	3202.1	3009.6	2989.6	3074.4	3152.5	3164.5	3014.9	2798.5	2440.9	1640.8
-20°	3244.4	3038.3	3013.4	3044.9	3133.5	3193.0	3186.1	3089.5	2825.3	2215.7	1421.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3053.2	3094.0	3151.9	3190.0	3183.6	3199.6	3179.3	3091.8	2821.9	1902.9	1172.5
-25°	3179.2	3324.0	3462.3	3478.1	3325.6	3206.6	3178.6	3009.8	2420.4	1566.7	935.8
-27.5°	3545.1	3747.7	3899.2	3834.7	3609.9	3313.5	3131.6	2841.9	1939.5	1245.0	914.5
-30°	4052.1	4145.9	4222.3	4177.1	3856.8	3507.1	3116.1	2276.2	1525.1	982.3	891.2
-32.5°	4397.4	4376.3	4379.7	4308.3	4020.2	3592.6	2645.8	1724.1	1114.0	953.5	886.3
-35°	4540.1	4401.5	4298.0	4181.9	4049.0	3002.2	2008.7	1283.6	1007.1	929.4	885.3
-37.5°	4472.3	4226.9	4046.8	3805.7	3046.9	2177.1	1402.7	1085.9	980.6	925.1	880.7
-40°	4170.2	3905.9	3323.1	2691.2	2049.8	1376.0	1162.0	1060.4	990.9	918.7	874.1
-42.5°	3367.9	2827.5	2277.5	1742.6	1295.3	1214.3	1138.1	1070.7	1001.2	928.7	836.2
-45°	2266.5	1813.7	1393.9	1310.1	1231.6	1184.3	1145.8	1082.2	1012.6	902.2	790.6
-47.5°	1464.1	1383.7	1305.4	1255.4	1217.4	1180.0	1144.9	1091.2	967.0	851.7	741.1
-50°	1362.7	1322.1	1283.4	1247.1	1211.5	1176.6	1105.2	1013.9	896.8	785.2	681.2
-52.5°	1341.1	1305.1	1271.1	1237.8	1170.0	1089.2	1005.1	913.8	811.6	706.7	609.2
-55°	1326.3	1265.0	1198.9	1130.2	1057.4	975.6	891.9	803.9	711.6	616.5	526.7
-57.5°	1196.0	1132.4	1063.8	995.4	927.5	846.3	761.8	680.0	603.0	519.1	439.6
-60°	1025.3	966.1	902.8	836.1	766.6	693.9	623.3	554.6	488.2	426.9	365.4
-62.5°	834.2	779.6	723.1	664.6	604.2	542.8	487.3	438.7	390.5	339.6	282.5
-65°	639.2	593.3	544.7	500.3	456.8	414.5	373.0	330.6	287.0	242.2	194.4
-67.5°	457.4	422.6	388.3	355.7	323.5	289.3	253.4	216.6	186.1	157.4	125.5
-70°	295.4	270.8	245.8	219.6	196.4	174.7	152.3	129.2	105.1	89.6	76.9
-72.5°	165.4	151.4	136.1	119.6	101.8	91.1	83.0	74.6	65.1	54.5	46.5
-75°	85.0	79.4	73.6	67.5	61.2	54.6	50.5	47.3	44.2	41.2	38.4
-77.5°	50.8	48.8	46.8	45.0	43.0	40.9	38.7	36.6	35.0	33.3	31.6
-80°	38.1	36.8	35.5	34.5	33.3	32.1	30.9	29.6	28.2	26.9	25.6
-82.5°	29.2	28.5	27.8	26.9	25.9	24.8	23.6	22.7	21.9	21.1	20.4
-85°	21.9	21.6	21.4	20.5	19.6	18.7	17.9	17.6	17.4	17.1	16.9
-87.5°	17.2	16.8	16.4	16.0	15.5	15.1	14.7	14.6	14.5	14.3	14.1
-90°	0.0	0.0	0.0	0.4	0.8	1.1	1.5	1.5	1.5	1.5	1.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	11.6	11.3	10.9	10.5	10.5	10.5	10.5	10.5	9.8	9.0	8.3
87.5°	1.8	2.0	2.2	2.4	2.5	2.6	2.8	3.0	3.1	3.3	3.3
85°	2.3	2.5	2.7	3.0	3.0	3.0	3.0	3.0	3.3	3.5	3.7
82.5°	3.0	2.9	2.9	3.0	3.2	3.4	3.4	3.4	3.6	3.8	4.0
80°	3.3	3.5	3.5	3.5	3.6	3.8	4.0	4.1	4.2	4.3	4.5
77.5°	3.8	4.0	4.2	4.3	4.2	4.2	4.3	4.6	4.8	4.9	4.9
75°	4.5	4.4	4.4	4.6	4.6	4.5	4.4	4.6	5.0	5.3	5.4
72.5°	5.5	5.2	4.8	4.7	4.9	4.9	4.7	4.7	5.0	5.4	5.7
70°	7.6	6.3	5.7	5.4	5.3	5.4	5.4	5.2	5.1	5.4	5.8
67.5°	10.5	8.7	7.2	6.2	5.8	5.7	5.9	5.8	5.7	5.5	5.8
65°	20.2	13.6	8.9	7.6	6.6	6.0	6.0	6.3	6.2	6.0	5.9
62.5°	27.7	20.6	14.2	9.8	7.6	6.6	6.1	6.6	6.8	6.5	6.2
60°	32.7	24.9	19.1	13.9	9.7	7.4	6.7	6.8	7.1	7.0	6.6
57.5°	31.4	27.2	22.9	17.6	12.6	8.8	7.5	7.4	7.5	7.5	7.1
55°	27.6	24.1	25.1	21.3	15.5	10.7	8.7	8.1	8.0	7.9	7.5
52.5°	22.6	22.7	24.7	23.9	18.9	12.8	10.5	8.9	8.6	8.4	8.0
50°	18.3	21.6	24.6	25.3	22.1	16.6	12.1	10.2	9.3	8.9	8.5
47.5°	16.6	20.6	23.7	26.8	24.8	20.1	14.9	11.6	9.9	9.5	9.0
45°	18.4	20.0	23.1	26.0	27.8	22.9	17.9	12.9	11.0	10.1	9.6
42.5°	22.1	22.5	23.3	25.3	27.6	25.2	20.7	15.2	12.0	10.6	10.1
40°	27.8	27.2	25.1	27.2	27.6	27.1	22.6	17.6	13.0	11.3	10.6
37.5°	35.2	33.7	30.4	32.4	29.6	27.8	24.1	19.7	14.4	12.3	11.0
35°	63.7	42.2	47.5	44.9	36.8	29.2	25.4	21.5	16.5	13.2	11.5
32.5°	100.1	79.3	83.8	66.0	46.5	31.2	26.8	23.3	18.6	14.2	11.9
30°	168.1	166.5	138.9	92.8	61.7	40.3	29.6	25.5	20.5	15.2	12.5
27.5°	283.2	272.5	214.8	143.8	87.5	52.2	34.2	28.0	22.4	16.4	13.3
25°	401.5	382.6	317.6	213.1	117.1	81.2	39.5	30.8	24.3	18.0	14.1
22.5°	528.5	489.1	433.0	293.8	167.2	119.7	54.2	35.1	26.5	19.4	14.8
20°	653.6	594.3	549.5	363.1	229.4	164.4	82.0	39.7	28.7	20.8	15.6
17.5°	803.9	678.5	595.7	431.6	291.7	209.5	114.8	44.7	31.1	22.1	16.3
15°	1039.4	734.4	636.4	491.9	345.7	254.6	151.4	49.8	33.5	23.2	17.0
12.5°	1253.8	786.4	676.6	544.2	392.2	299.3	190.5	55.0	35.8	24.3	17.6
10°	1454.6	834.2	715.7	589.0	432.1	343.3	230.9	60.1	38.0	25.3	18.1
7.5°	1636.5	877.7	753.0	626.8	462.6	371.3	255.9	65.1	40.1	26.3	18.5
5°	1773.5	909.8	780.8	643.7	470.5	380.9	274.6	69.8	42.0	27.1	18.9
2.5°	1786.5	925.9	801.7	652.9	475.6	387.5	288.8	74.2	43.6	27.9	19.2
0°	1760.1	937.0	818.6	656.7	478.3	391.3	298.3	78.0	45.0	28.5	19.5
-2.5°	1735.0	937.4	820.1	668.3	499.9	402.7	308.8	100.3	59.4	36.6	23.2
-5°	1678.5	933.6	817.3	675.4	518.2	411.9	315.2	121.5	73.1	44.3	26.8
-7.5°	1582.5	915.7	805.7	677.4	532.4	418.9	318.1	141.1	86.0	51.5	30.1
-10°	1454.7	887.7	782.9	666.8	539.1	427.9	319.2	158.8	97.5	58.0	33.1
-12.5°	1298.4	856.7	759.7	656.3	543.4	438.7	322.2	173.6	107.7	63.5	35.7
-15°	1114.8	823.0	737.2	647.2	546.4	447.3	322.2	185.8	116.8	68.8	37.7
-17.5°	911.9	787.0	716.5	640.9	548.7	453.9	319.6	195.2	124.3	74.0	40.0
-20°	869.5	770.3	699.2	638.3	550.6	458.5	314.4	201.6	129.9	77.8	42.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	855.6	772.0	704.8	636.3	552.4	461.1	307.1	204.8	133.5	80.1	43.6
-25°	839.1	775.4	713.2	635.9	552.1	448.2	303.6	204.7	135.0	80.8	43.8
-27.5°	836.1	780.9	720.9	629.7	542.5	433.3	302.3	205.7	134.9	79.8	43.0
-30°	841.5	787.3	713.3	617.2	528.8	408.9	296.4	204.0	133.6	78.4	41.0
-32.5°	843.6	793.3	695.0	598.8	502.7	383.3	282.8	199.4	129.9	76.1	39.9
-35°	840.4	772.9	669.5	575.5	471.8	363.0	266.8	191.7	123.8	72.0	38.7
-37.5°	833.2	736.3	639.3	544.9	440.3	339.7	252.5	179.5	115.2	66.2	36.7
-40°	791.6	697.7	604.3	509.9	410.4	313.3	235.3	165.3	106.3	58.6	33.9
-42.5°	747.9	656.0	564.3	474.0	378.4	291.2	215.4	148.5	94.7	52.9	30.4
-45°	698.7	609.5	520.1	431.3	344.4	266.0	193.7	129.7	81.2	47.9	27.5
-47.5°	644.9	557.3	469.7	384.2	312.4	237.8	168.8	112.5	66.3	41.9	26.4
-50°	584.3	498.4	413.2	340.5	274.6	206.4	142.6	93.5	58.0	34.7	25.0
-52.5°	517.2	431.2	360.2	296.8	233.0	171.5	118.7	73.7	48.7	31.0	23.5
-55°	440.6	370.6	310.3	248.1	188.1	139.3	92.7	61.8	38.5	28.9	21.9
-57.5°	374.5	314.2	253.3	194.8	147.2	106.0	73.1	48.9	34.0	26.6	20.7
-60°	306.5	246.9	190.8	147.6	108.6	78.7	57.0	38.6	31.1	24.4	19.5
-62.5°	227.5	177.9	139.7	103.4	78.1	58.9	42.3	34.9	27.9	22.9	18.2
-65°	157.7	122.7	91.1	73.2	55.7	42.5	37.6	30.9	25.9	21.4	17.1
-67.5°	95.0	79.5	63.8	48.1	41.5	37.2	32.6	28.3	24.1	19.8	16.4
-70°	63.5	49.9	43.2	39.6	35.9	32.1	29.5	26.2	22.2	18.7	15.6
-72.5°	43.3	40.1	37.0	33.9	31.2	28.8	26.7	24.1	20.6	17.5	14.8
-75°	35.8	33.6	31.4	29.1	27.1	25.3	24.0	22.0	19.0	16.3	13.7
-77.5°	29.8	27.9	26.0	24.6	23.5	22.4	21.3	19.8	17.3	14.9	12.5
-80°	24.4	23.3	22.2	21.2	20.3	19.5	18.8	17.9	15.7	13.5	11.2
-82.5°	19.7	19.2	18.7	18.2	17.7	17.2	16.7	16.1	14.0	12.0	10.2
-85°	16.6	16.3	16.0	15.7	15.3	15.0	14.7	14.3	12.6	11.0	9.6
-87.5°	13.9	13.7	13.4	13.1	12.9	12.7	12.6	12.4	11.2	10.0	8.9
-90°	1.5	1.5	1.5	1.5	1.9	2.3	2.6	3.0	3.0	3.0	3.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.5	6.8	6.0	5.3	4.5	4.5	4.5
87.5°	3.4	3.6	3.9	4.2	4.5	4.5	4.5
85°	3.8	3.9	4.0	4.2	4.5	4.6	4.5
82.5°	4.2	4.1	4.1	4.3	4.5	4.6	4.5
80°	4.5	4.3	4.3	4.3	4.5	4.6	4.5
77.5°	4.9	4.6	4.4	4.4	4.5	4.7	4.5
75°	5.3	4.9	4.5	4.4	4.5	4.7	4.5
72.5°	5.7	5.2	4.8	4.5	4.5	4.7	4.5
70°	6.0	5.5	5.0	4.5	4.6	4.8	4.5
67.5°	6.0	5.9	5.3	4.7	4.6	4.8	4.5
65°	6.1	6.1	5.5	4.9	4.6	4.8	4.5
62.5°	6.2	6.2	5.8	5.1	4.7	4.9	4.5
60°	6.3	6.3	6.0	5.2	4.7	4.9	4.5
57.5°	6.6	6.4	6.1	5.4	4.8	5.0	4.5
55°	7.0	6.6	6.3	5.6	5.0	5.0	4.5
52.5°	7.4	6.8	6.5	5.7	5.1	5.1	4.5
50°	7.8	7.1	6.6	5.9	5.3	5.1	4.5
47.5°	8.1	7.4	6.8	6.0	5.4	5.1	4.5
45°	8.6	7.7	7.0	6.2	5.6	5.2	4.5
42.5°	9.1	8.0	7.2	6.3	5.7	5.2	4.5
40°	9.6	8.3	7.4	6.5	5.8	5.3	4.5
37.5°	10.1	8.5	7.6	6.7	6.0	5.3	4.5
35°	10.6	8.9	7.8	6.9	6.1	5.4	4.5
32.5°	11.1	9.3	8.0	7.1	6.2	5.4	4.5
30°	11.5	9.7	8.2	7.3	6.3	5.5	4.5
27.5°	11.8	10.1	8.4	7.4	6.5	5.5	4.5
25°	12.2	10.5	8.7	7.6	6.6	5.6	4.5
22.5°	12.5	10.9	8.9	7.8	6.7	5.6	4.5
20°	12.9	11.1	9.1	8.0	6.8	5.7	4.5
17.5°	13.2	11.4	9.3	8.1	6.9	5.7	4.5
15°	13.4	11.6	9.5	8.3	7.0	5.8	4.5
12.5°	13.7	11.7	9.7	8.4	7.1	5.8	4.5
10°	14.0	11.8	9.9	8.5	7.2	5.8	4.5
7.5°	14.3	11.9	10.1	8.7	7.3	5.9	4.5
5°	14.5	12.0	10.2	8.8	7.4	5.9	4.5
2.5°	14.8	12.0	10.4	8.9	7.4	6.0	4.5
0°	15.0	12.0	10.5	9.0	7.5	6.0	4.5
-2.5°	16.4	12.7	10.8	9.1	7.6	6.0	4.5
-5°	17.7	13.3	11.0	9.2	7.6	6.1	4.5
-7.5°	19.0	13.9	11.2	9.3	7.7	6.1	4.5
-10°	20.1	14.4	11.4	9.3	7.7	6.1	4.5
-12.5°	21.1	14.9	11.6	9.4	7.8	6.1	4.5
-15°	22.0	15.3	11.8	9.4	7.8	6.1	4.5
-17.5°	22.6	15.7	11.9	9.5	7.8	6.1	4.5
-20°	23.4	15.9	12.0	9.5	7.8	6.2	4.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.2	16.1	12.0	9.5	7.8	6.2	4.5
-25°	24.6	16.3	12.0	9.5	7.9	6.1	4.5
-27.5°	24.5	16.3	12.0	9.5	7.9	6.1	4.5
-30°	24.0	16.3	11.9	9.5	7.8	6.1	4.5
-32.5°	22.9	16.2	11.9	9.5	7.8	6.1	4.5
-35°	22.4	16.0	11.8	9.5	7.8	6.1	4.5
-37.5°	22.1	15.7	11.7	9.4	7.8	6.1	4.5
-40°	21.6	15.6	11.6	9.4	7.8	6.0	4.5
-42.5°	21.0	15.3	11.5	9.4	7.7	6.0	4.5
-45°	20.2	15.0	11.4	9.3	7.7	5.9	4.5
-47.5°	19.3	14.6	11.4	9.3	7.6	5.9	4.5
-50°	18.6	14.2	11.3	9.2	7.6	5.8	4.5
-52.5°	17.9	13.6	11.2	9.1	7.5	5.8	4.5
-55°	17.1	13.3	11.0	9.0	7.4	5.7	4.5
-57.5°	16.2	13.1	10.8	8.9	7.4	5.6	4.5
-60°	15.3	12.8	10.6	8.7	7.3	5.6	4.5
-62.5°	14.8	12.5	10.3	8.5	7.1	5.5	4.5
-65°	14.3	12.1	10.0	8.3	6.9	5.4	4.5
-67.5°	13.8	11.6	9.6	8.1	6.7	5.3	4.5
-70°	13.2	11.0	9.2	7.9	6.5	5.3	4.5
-72.5°	12.3	10.3	8.7	7.6	6.3	5.2	4.5
-75°	11.3	9.6	8.3	7.2	6.0	5.1	4.5
-77.5°	10.2	8.9	7.9	6.9	5.8	5.0	4.5
-80°	9.1	8.3	7.5	6.6	5.5	4.9	4.5
-82.5°	8.6	7.9	7.2	6.3	5.3	4.8	4.5
-85°	8.3	7.5	6.8	5.9	5.0	4.7	4.5
-87.5°	7.9	7.2	6.4	5.6	4.8	4.6	4.5
-90°	3.0	3.4	3.8	4.1	4.5	4.5	4.5

(END OF REPORT)